

CLAIMS:

What is claimed is:

1. (Currently Amended) A ZIF electrical connector, comprising:

an insulative housing having a cover slideably assembling onto a base, the base defining a plurality of terminal-receiving cavities, the cover moving between a first position and a second position and along a first direction, and defining a plurality of through holes corresponding to the terminal-receiving cavities, the base defining a recess portion slant with the first direction;

a plurality of conductive terminals received in the terminal-receiving cavities;

a slider moving in the recess portion and having a body and part of the body intervening with the cover; and

a drive means having a first arm for driving the slider, wherein the slider includes a plurality of generally elliptical protrusions, the elliptical protrusions having a long axis that is generally parallel to the first arm [[extending into the insulative housing from side of the insulative housing crossing the first direction and contacting with the body of the slider, the drive means driving the body to move along a second direction slant the first direction and further drive the cover to displace along the first direction between a first position and a second position]].

2. (Original) The ZIF electrical connector as claimed in claim 1, wherein the recess portion has a first slant recess, a second slant recess and a transverse recess connecting with the first and second slant recesses, and the slope of the first and second slant recess is all same with that of the second direction.

3. (Original) The ZIF electrical connector as claimed in claim 1, wherein the body of the slider has a first body, a second body and a transverse body connecting with the first body and the second body, the first body is enough received in the first slant recess, the second body is enough received in the second slant recess and the transverse body is enough received in the transverse recess.

4. (Original) The ZIF electrical connector as claimed in claim 1, wherein the drive means is a pole and has an operating portion defined at side of the insulative housing crossing the first direction and a cam member contacting with the transverse body, when the operating portion pivots, the operating portion drives the cam member to turn.

5. (Currently Amended) The ZIF electrical connector as claimed in claim [[claims 3 or]] 4, wherein the transverse recess is defined along the direction vertical to the first direction.

6. (Original) The ZIF electrical connector as claimed in claim 1 [3], wherein [the slider defines at least an elongated protrusion on a surface thereof near the cover and a front surface of the long axis of the elongated protrusion is vertical to the first direction, and] the cover defines an elongated hole corresponding the protrusion of the slider to receive the protrusion.

7. (Original) The ZIF electrical connector as claimed in claim 6, wherein the protrusions are respectively formed on the first body, the second body and the transverse body and the cover respectively defines an elongated hole corresponding to each protrusion of the slider.

8. (Cancelled)

9. (Original) The ZIF electrical connector as claimed in claim 7 [8], wherein the protrusion engages with the elongated hole in the first direction.

10. (Original) The ZIF electrical connector as claimed in claim 4, wherein the base extends a receiving base from side of the drive means extending in the insulative housing and the receiving base defines an elongate groove vertical to the first direction to receive the operating portion of the drive means.

11. (Original) The ZIF electrical connector as claimed in claim 10, wherein the receiving base connects with the transverse recess through a securing slot along the first direction and the drive means extends in the insulative housing along the securing slot.

12. (Original) The ZIF electrical connector as claimed in claim 1, wherein the base respectively defines a post at two opposite corners of side of the drive means extending in the insulative housing.

13. (Original) The ZIF electrical connector as claimed in claim 4, wherein the transverse body depresses a U-shaped groove along a short axis thereof near the base to receive the cam member of the drive means.

14. (Original) The ZIF electrical connector as claimed in claim 13, wherein the ZIF electrical connector further comprises a wearable member U-shaped and made of metal and received in the U-shaped groove of the transverse body, each side of the U-shaped groove defines a plurality of securing holes, and the U-shaped sidewalls of the wearable member respectively integrated extend a plurality of securing legs corresponding to insert in the securing holes to fasten the wearable member.

15. (Original) The ZIF electrical connector as claimed in claim 1, wherein the base defines a plurality of orientating holes, each orientating hole transverse defines a block and the block is not close the orientating hole, the face of the cover near the base respectively downward defines an orientating peg corresponding to the orientating hole of the base, free end of the orientating peg is a hook, each orientating peg is received in the corresponding orientating hole and each hook of the orientating peg lock the block of the orientating hole.